

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010256.D
 Acq On : 12 Jun 2019 17:21
 Operator : JC/SP
 Sample : K3309-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-190610

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 9:17:41 AM

Quant Time: Jun 13 10:46:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	341567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	520518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	502878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	148654	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	
35) Dibromofluoromethane	5.49	113	152931	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.73	98	635096	52.78	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	11.13	95	240792	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	7355	2.340	ug/l	95
4) Vinyl Chloride	1.36	62	43076892m	14684.218	ug/l	
11) Tert butyl alcohol	3.04	59	32127	39.335	ug/l	99
12) 1,1-Dichloroethene	2.37	96	4755	1.550	ug/l #	71
16) Acetone	2.43	43	2722637	1736.204	ug/l #	88
20) Methylene Chloride	2.85	84	18146	5.269	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	36452	10.736	ug/l #	74
22) Diisopropyl ether	3.85	45	29602	3.343	ug/l #	68
25) 2-Butanone	4.67	43	2864748	1226.807	ug/l #	83
27) cis-1,2-Dichloroethene	4.59	96	1126656	298.286	ug/l	70
30) Chloroform	5.21	83	32277	5.781	ug/l	99
31) Cyclohexane	5.57	56	32222	6.641	ug/l #	79
39) Methylcyclohexane	7.46	83	61668	10.664	ug/l #	84
40) Benzene	6.14	78	518073	39.453	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	19760396	4477.356	ug/l #	86
52) Toluene	8.81	92	16909322	1958.941	ug/l #	66
55) 1,1,2-Trichloroethane	9.21	97	112922	31.943	ug/l	97
59) 2-Hexanone	9.49	43	48067	13.660	ug/l	85
65) Chlorobenzene	10.14	112	4176762	402.424	ug/l	98
67) Ethyl Benzene	10.25	91	3545930	200.690	ug/l	94
68) m/p-Xylenes	10.36	106	2954118	432.062	ug/l	90
69) o-Xylene	10.70	106	1778541	261.682	ug/l	91
73) Isopropylbenzene	11.02	105	188397	10.937	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	5785	0.981	ug/l	83
76) 1,2,3-Trichloropropane	11.29	75	32899	6.665	ug/l	83
78) n-propylbenzene	11.36	91	336448	17.544	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	1023221	70.523	ug/l	97
83) tert-Butylbenzene	11.77	119	10359m	0.705	ug/l	
84) 1,2,4-Trimethylbenzene	11.80	105	2852353	194.627	ug/l	96
85) sec-Butylbenzene	11.94	105	49729m	2.907	ug/l	
86) p-Isopropyltoluene	12.06	119	103593	6.623	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	398608	47.772	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	975505	115.975	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	5763246	710.468	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	27137	4.570	ug/l	96
95) Naphthalene	13.83	128	2523831	135.023	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	20698	3.525	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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